| index | of Claims |  |
|-------|-----------|--|
|       |           |  |

| Application No.   | Applicant(s) |
|-------------------|--------------|
| 10/038,800        | MA ET AL.    |
| Examiner          | Art Unit     |
| Nicole M. Barreca | 1756         |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim  |               |          | ,         |  |  |      |          |          |                      |                |   | _    | _           |          |          |                 |         | _            |               | ,        |   |
|--|---------------|----------|-----------|--|--|------|----------|----------|----------------------|----------------|---|------|-------------|----------|----------|-----------------|---------|--------------|---------------|----------|---|
| The color of the | Cla           |          | A L       | Da   | ate  |      | Cla      | im       |                      | Date           |   |      | CI          | aim      |          |                 | Da      | te           |               |          | Τ |
| 51     101     102     102     103     103     103     103     104     103     104     103     104     103     104     105     106     105     106     105     106     105     106     105     106     105     106     106     107     107     107     107     107     108     109     100   | Final         | Original |           |  |  |      | Final    | Original |                      |                |   |      | Final       | Original |          |                 |         |              |               |          |   |
| Section   Sect |               |          | 3         | +  | ++-  | 100  |          | 51       | <del></del>          | +              | <del>     </del>                                  | -    |             | 101      | +        | ++              | +       | +-           | +             | $\vdash$ | _ |
| 103  |               | 2        |           |  | + $+$  |      | _        |          | +                    |                | +   | 100  |             |          | -        | ╫               |         |              | ┰             | $\dashv$ | _ |
| 104   105   106   106   107   108   109   109   100  |               | 3        |           | 77   |  | 1 18 |          |          | -                    |                | +   | 113  |             |          |          | +               |         | ┿            | ╌             | -        |   |
| 55   |               |          |           |  |  |      |          |          |                      | +              | +++   | -    |             | 104      | _        | +               | +       | +-           | Н             | $\vdash$ | _ |
| 6  |               |          |           |  |  |      |          | 55       |                      |                |   |      |             |          | _        | +               | +       | +-           | 1             | -        | - |
| S  |               |          |           |  |  |      |          | 56       |                      |                | +   | 95.  |             | 106      | _        | 11              | +       | +            | ++            | $\dashv$ | - |
| 9  |               |          |           | $\perp$  |  | 100  |          |          |                      |                |   | 4.8  |             | 107      |          | 1               | $\neg$  | +            |               | $\neg$   | - |
| 10   |               |          | $\square$ |  | $\perp \perp \perp$                              |      |          |          |                      |                |   | 4    |             | 108      |          |                 | $\neg$  | _            | П             |          | _ |
| 11   |               |          |           | 44   | $\perp$  |      |          |          |                      |                |   | 111  |             | 109      |          | T               |         | $\top$       | П             | $\neg$   | _ |
| 12   |               |          | Ш.        | $\perp$  | $+$ $\sqcup$                                     | - 3  | ш        |          | $\bot$               |                |   |      |             |          |          | $\Box$          | Т       | T            | П             | $\neg$   | _ |
| 13   |               |          |           | +  | +  |      | Ш        |          | $+$ $\perp$ $\perp$  |                |   |      |             |          |          |                 |         |              |               |          | Ξ |
| 14   |               |          | HH-H      |  |  |      | -        |          | +                    | +              | +   |      |             |          |          |                 | T       |              |               | $\Box$   | _ |
| 16   |               |          | H - H     | ++-  |  |      | $\vdash$ |          | -                    |                | ++  |      |             |          | _        |                 |         | ┖            | $\Box$        | $\perp$  | _ |
| 16   |               |          | 4//       |  | ++   |      | $\vdash$ |          |                      | $\dashv \bot$  | +++   |      |             |          |          | 1-1             | Ţ       | 1            |               | $\Box$   | _ |
| 17   |               |          | 4         | ++   | +  | - 3  |          |          |                      |                |   | 104  |             |          |          | $\perp \perp$   | _ _     |              | Ш             | $\perp$  |   |
| 18   | $\neg \dashv$ |          | +         |  | 1 1 1  |      |          |          |                      |                |   | 18   |             |          |          |                 | 4       | 4-           | Ш             | _        | _ |
| 19   |               |          | -         |  | 1 1 1  |      | $\vdash$ |          | +++                  |                | ++  | -    |             |          | _        |                 | _       | <del> </del> | Ш             | Ц.       |   |
| 120  | $\overline{}$ |          | ++        | ++   | 1 1-1  |      | $\vdash$ |          | +++                  |                | +++-  | 4 1  | _           |          | -        | $\vdash$        |         | 1_           | ш             | 4        |   |
| 121  |               |          | -1-1-     | 1-1-   | +  |      | $\vdash$ |          | +                    |                | ++  | 1 }  |             |          |          | $\vdash$        |         | ╀            | $\vdash$      | _        | _ |
| T2   | $\dashv$      | 21       | +         | +-+  | 1 1-1  |      | $\vdash$ |          | +++                  |                | <del>                                     </del>  |      |             | 120      |          | $\vdash$        | -       | ╀            | ш             | $\dashv$ | _ |
| 123  |               |          |           | +  | <del>     </del>                                 |      | $\vdash$ |          |                      |                |   |      |             | 121      | -        | ⊢⊢              | -       | +            | -             | -        | _ |
| 24     74     124     125     126     126     126     126     126     126     126     126     126     127     128     127     128     127     128     127     128     127     128     127     128     127     128     129     129     129     130     130     131     130     131     130     131     131     133     134     134     134     132     132     133     134     134     134     134     134     134     134     134     134     134     134     134     134     136     137     137     138     136     136     137     137     138     138     136     137     137     138     139     140     141     141     141     141     142     142     142     142     142     142     142     142     142     143     144     144     144     145     146     145     146     147     148  |               | 23       |           |  | 1-1-1  |      |          |          | <del></del>          | ++             | ++-   | 1    | -           |          | +        | ╌┼              | +       | +-           | $\vdash$      | +        |   |
| 125  |               | 24       |           |  |  | 785  | $\vdash$ |          | <del>  -   -  </del> | ++             |   |      |             |          | +        |                 | +       | +-           | $\vdash$      |          | _ |
| 26     76     128     127     128     127     128     127     128     127     128     127     128     129     129     129     129     130     130     130     130     130     131     131     131     131     131     132     132     132     132     133     133     133     133     133     133     133     133     133     134     134     135     136     135     135     135     136     136     137     137     137     137     137     137     137     138     138     138     138     138     139     139     139     139     139     139     140     140     141     141     141     141     141     142     143     144     143     144     145     145     145     145     145     145     145     145     145     145     146     147     148     149     149     149     149     149  |               |          |           |  |  | 30   |          |          |                      | +              | <del>                                      </del> | 100  | -           |          |          | ╁               |         | +            | $\vdash$      |          | - |
| 27     28     127     128     127     128     129     128     129     129     129     130     130     130     130     131     130     131     131     132     132     132     132     132     133     133     133     133     133     133     134     134     134     134     134     134     134     135     136     136     137     136     137     136     137     138     136     137     138     139     139     140     141     141     141     141     141     141     141     142     142     142     142     142     142     142     143     144     144     144     144     144     144     145     146     147     148     147     148     147     148     147     148     149     149     149     149     149     149     149     149     149     149     149     149     149     149  |               | 26       |           |  |  | 100  |          |          | +                    | <del>   </del> | +++-  |      |             |          | +        | ┼               | +       | +            | ╌┦            | +        | - |
| 28     78     128     129     129     129     130     130     130     130     131     131     132     133     131     131     131     132     132     132     132     132     133     134     134     134     134     134     134     134     134     135     136     136     136     136     136     137     136     137     137     136     137     137     138     138     138     138     139     139     140     141     141     141     141     141     141     141     141     142     142     142     142     143     144     144     144     144     144     144     144     144     144     145     145     145     145     145     145     145     145     145     145     147     148     147     148     149     149     149     149     149     149     149     149     149     149  |               |          |           |  |  | 1.00 |          |          | 1-1-1                |                |   |      |             |          | +        | $\vdash$        | +       | ┼            | $\vdash$      | +        | - |
| 29   |               |          |           |  |  | 100  |          | 78       |                      |                |   | 33   | _           |          | -        | 1               | ┰       | +            | Н             |          | - |
| 30   |               |          |           |  |  |      | $\Box$   | 79       |                      | 1 1 -          |   |      | $\neg +$    |          | $\vdash$ | $\vdash$        | +       | +            | -             | +        | - |
| 31     81     131     132     132     132     132     132     132     132     133     134     133     134     133     134     134     133     134     134     135     136     136     136     136     136     136     136     137     137     137     137     137     138     138     138     138     138     138     139     139     140     141     141     141     141     141     141     141     141     141     142     143     144     142     143     144     144     144     144     144     144     144     145     145     145     145     145     146     147     148     147     148     149  |               | 30       |           |  |  |      |          |          |                      |                |   | 1 1  |             |          | _        |                 | +       | 1            | $\vdash$      | $\dashv$ | - |
| 32     82     132     133     133     133     133     133     133     133     133     133     133     133     134     134     134     135     136     135     136     135     136     135     136     135     136     136     137     137     137     137     137     137     137     136     137     137     136     137     137     137     137     138     139     139     139     139     140     140     140     140     144     141     141     142     143     144     144     142     143     144     144     144     144     144     144     144     144     144     145     145     146     145     146     146     147     147     148     148     148     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149  |               |          |           |  |  |      |          |          |                      |                |   | i    |             |          | 7        |                 | -       |              | $\vdash$      | 1        | _ |
| 34 84   35 85   36 86   37 87   38 87   39 89   40 90   41 91   42 92   43 93   44 94   45 96   46 96   47 97   48 99   49 99  | _             |          | $\perp$   |  | $\sqcup \sqcup$                                  | 10 S |          |          |                      |                |   |      |             | 132      |          |                 | _       |              |               | 1        | _ |
| 35   | _             | 33       |           | $\vdash$   | 1  |      |          |          |                      |                |   | 144  | $\neg \neg$ |          |          |                 | $\top$  |              | $\vdash$      | _        | - |
| 36 86   37 136   37 137   38 138   39 88   40 139   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |               |          | _ _       |  |  |      | $\Box$   |          |                      |                |   |      |             | 134      |          |                 |         |              | $\vdash$      | $\neg$   | _ |
| 37   |               |          | _ _ _     | <b></b>  | $\vdash$   |      | $\vdash$ |          |                      | $\bot$         |   |      |             |          |          |                 | $\Box$  |              |               |          | Ξ |
| 38 88   39 138   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99   |               |          |           |  |  |      |          |          | 11-                  |                |   |      |             |          |          |                 | $\perp$ |              |               |          | Ξ |
| 39   |               |          | +         |  | <del>   - </del>                                 |      |          |          | +                    | $\bot$         | $\Box$  |      |             | 137      |          |                 |         |              |               |          | Ξ |
| 40   |               |          |           | <del> </del>                                     | ╂┵┼  |      | -        | 88       |                      |                |   | L    | _           | 138      |          |                 | $\perp$ |              |               |          |   |
| 41   |               |          | ++        | ⊢-   | 1-1-1  |      | $\vdash$ |          | 111                  |                | $\vdash\vdash$                                    |      |             |          |          |                 | $\perp$ | 口            |               | $\perp$  |   |
| 42   |               |          | ++        | ┼┼-  | <del>     </del>                                 |      | $\dashv$ |          | +                    | +              | ++  |      |             |          | $\perp$  | LL.             | ┸       |              |               | _        |   |
| 43   | $\dashv$      | 42       | +         | $\vdash\vdash$                                   | +  | - 1  |          |          | +++                  |                |   |      |             |          |          | $\vdash$        | 1_      | Ш            | _             |          | _ |
| 44   94   94   144   145   145   146   147   147   148   149   99   149   99   149 |               |          | +         | <del>                                     </del> | 1 1-1  | (1)  |          |          | ╁┼┼                  |                | HH  |      |             |          |          | $\vdash \vdash$ | ┺       | Ш            | _             | _        | Ц |
| 45   |               |          | $\dashv$  | 1-1-   | +++  | 188  |          |          | <del></del>          |                | - - -   | 101- |             |          | $\perp$  | <u> </u>        | $\perp$ | Н            | $\rightarrow$ | $\perp$  | ↲ |
| 46   |               |          | +         | $\vdash$   | <del>     </del>                                 |      |          |          | +++                  | +              |   | -    |             |          | -        | $\vdash$        | +       | $\sqcup$     |               | 4        | 4 |
| 47 97 147 147 148 98 148 149 99 149 149  |               |          | +         | $\vdash$   | <del>                                     </del> | -    |          |          | +++                  | ++             |   |      |             |          | -        | $\perp$         | 1       | Ш            | _             | - -      | 4 |
| 48 98 148 148 49 99 149 149 149 149 149 149 149 149 1  |               |          | +         |  | 1-1-   |      |          |          | +-+-                 | ++-            |   | 18   | -           | 145      |          |                 | -1      | Н            |               | - -      | 4 |
| 49 99 149  |               |          | $\neg$    | $\vdash$   | <del>                                     </del> |      |          |          | +++                  | ++             |   | -    |             |          |          | $\vdash$        | +       | Н            | +             | +        | 4 |
|  |               | 49       |           | $\vdash$   |  |      |          |          | <del> - - -</del>    | +              |   | -    |             |          |          | -               | +       | Н            | +             | +        | 4 |
|  |               | 50       |           | $\vdash$   | $\vdash$   |      |          |          | <del>     </del>     | +              |   | -    |             |          | +        | +               | +-      | $\vdash$     | +             | +        | 4 |